

## EAST Search History

S24 0	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:33
S24 1	115	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:33
S24 2	91	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S24 3	52	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S24 4	304	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S24 5	131	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S24 6	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S24 7	231	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S24 8	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S24 9	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S25 0	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 1	571	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 2	231	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 3	209	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 4	285	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 5	271	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 6	396	.264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 7	396	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 8	398	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S25 9	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S26 0	9	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 1	50	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 2	35	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 3	11	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 4	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 5	8002	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 6	682	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 7	85	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 8	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S26 9	20	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S27 0	8	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S27 1	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S27 2	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S27 3	22	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S27 4	9	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S27 5	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S27 6	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S27 7	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S27 8	145	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S27 9	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S28 0	231	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 1	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 2	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 3	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 4	571	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 5	231	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 6	209	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 7	285	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 8	271	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S28 9	396	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S29 0	396	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 1	398	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 2	8002	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 3	682	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 4	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 5	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 6	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 7	91	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 8	52	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S29 9	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S30 0	9	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 1	50	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 2	35	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 3	11	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 4	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 5	85	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 6	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 7	20	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 8	8	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S30 9	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S31 0	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S31 1	22	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S31 2	9	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S31 3	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S31 4	169	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S31 5	115	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S31 6	131	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S31 7	304	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S31 8	35	presinter and ceramic and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S31 9	4	presinter same ceramic same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S32 0	16	presinter same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 1	1779088	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 2	3566	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 3	0	dental and ceramic and (finning or grinding or fine or rough or milling) and presinter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 4	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 5	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 6	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 7	4	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 8	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S32 9	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34

## EAST Search History

S33 0	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 1	46	ceramic and (finning or grinding or fine or rough or milling) and (presinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 2	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 3	17	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 4	58	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 5	0	ceramic and (finning or grinding or fine or rough or milling) and (dense adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 6	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 7	58	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 8	2	"5702650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S33 9	2	("5121660"   "5192472").PN. OR ("5702650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34

## EAST Search History

S34 0	1	dense adj vitrification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S34 1	213	dense adj sintering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S34 2	145	(dense adj sintering) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S34 3	19	(dense adj sintering) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S34 4	205	(dense adj sintering)". " and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S34 5	97	(dense adj sintering)and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S34 6	97	(dense adj sintering) and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S34 7	9	(dense adj sintering) and (finning or grinding or fine or rough) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S34 8	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S34 9	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S35 0	21	"5106303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 1	14	"5217375"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 2	21	"477157"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 3	25	"389461"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 4	1	"19511396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 5	145	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 6	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 7	231	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 8	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S35 9	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S36 0	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 1	571	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 2	231	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 3	209	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 4	285	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 5	271	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 6	396	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 7	396	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 8	398	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S36 9	8002	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S37 0	682	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 1	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 2	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 3	145	264/16.ccls. and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 4	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 5	231	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 6	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 7	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 8	256	501/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S37 9	571	501/105.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S38 0	231	433/167.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 1	209	264/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 2	285	264/19.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 3	271	264/17.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 4	396	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 5	396	264/16.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 6	398	frank.in. and holger.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 7	8002	breaking same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 8	682	bending same strength same breaking same resistance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S38 9	0	"5403369" and (PQ adj ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S39 0	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S39 1	1779088	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S39 2	3566	dental and ceramic and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S39 3	0	dental and ceramic and (finning or grinding or fine or rough or milling) and presinter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S39 4	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S39 5	0	dental and ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S39 6	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S39 7	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S39 8	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S39 9	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34

## EAST Search History

S40 0	0	ceramic and (finning or grinding or fine or rough or milling) and (presinter) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S40 1	58	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S40 2	0	ceramic and (finning or grinding or fine or rough or milling) and (dense adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S40 3	0	ceramic and (finning or grinding or fine or rough or milling) and (partial adj vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S40 4	1	dense adj vitrification	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S40 5	213	dense adj sintering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S40 6	145	(dense adj sintering) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S40 7	205	(dense adj sintering)." and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S40 8	97	(dense adj sintering)and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S40 9	97	(dense adj sintering) and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S41 0	0	10/049665	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 1	1	"19511396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 2	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 3	91	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 4	52	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 5	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 6	9	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 7	50	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 8	35	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S41 9	11	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S42 0	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S42 1	85	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S42 2	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S42 3	20	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S42 4	8	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S42 5	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S42 6	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S42 7	22	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S42 8	9	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S42 9	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S43 0	65	264/17.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 1	91	264/678.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 2	52	433/167.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 3	4	frank.in. and holger.in. and milling	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 4	9	"5775912"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 5	50	"0112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 6	35	"112097"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 7	11	"1206223"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 8	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S43 9	85	(bending same strength same breaking same resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S44 0	4	(bending adj strength) and (breaking adj resistance) and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S44 1	20	(bending adj strength) and (breaking adj resistance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S44 2	8	"5824089"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S44 3	2	"6713421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S44 4	6	("5219805"   "5263858"   "5453227"   "5656564"   "6087285"   "6358874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S44 5	22	"6322728"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S44 6	9	"5403369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S44 7	8	"5403369" and (ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S44 8	35	presinter and ceramic and (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S44 9	4	presinter same ceramic same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S45 0	16	presinter same (finning or grinding or fine or rough)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S45 1	4	ceramic and (finning or grinding or fine or rough or milling) and (partial adj sinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S45 2	46	ceramic and (finning or grinding or fine or rough or milling) and (presinter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S45 3	17	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S45 4	58	ceramic and (finning or grinding or fine or rough or milling) and (vitrification ) and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S45 5	2	"5702650"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S45 6	2	("5121660"   "5192472").PN. OR ("5702650").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/27 08:34
S45 7	19	(dense adj sintering) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/27 08:34
S45 8	9	(dense adj sintering) and (finning or grinding or fine or rough) and ceramic and dental	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S45 9	17	"4820667"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S46 0	21	"5106303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 1	14	"5217375"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 2	21	"477157"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 3	25	"389461"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 4	169	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 5	115	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 6	131	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 7	169	264/16.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 8	115	264/19.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S46 9	131	501/102.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34

## EAST Search History

S47 0	304	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S47 1	304	501/105.ccls. and (finning or grinding or fine or rough or milling)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S47 2	17	"630622"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S47 3	21	"634149"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34
S47 4	35	"160797"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/27 08:34